A.N.A.R.T.S. News Bulletin 1339 for 13th March 2005.

Cols Column

Cooke and Wheatstone. Part Seven.

Cooke and Wheatstone eventually brought into service a one needle telegraph. A diagram of this telegraph will be found on my web site this week. This one needle was used in the same way that Morse Code is sent and received. Depending on the deflections of the needle rather than the transmission of a dot or a dash. For example the letter 'A' was indicated by two successive deflections to the left or anticlockwise. The letter 'O' by three successive clockwise deflections and 'T' by one movement anticlockwise. Sounds very familiar to the Morse Code.

As this telegraph became more widespread in Britain, various instrument makers made them for sale, unfortunately they nearly all used their own code, but gradually just one code became standard, that is the Morse Code, and deflections to the left or right were used as dots and dashes. As this code became standard the front dial of the instrument was engraved with the International Morse Code.

The first use of the one needle telegraph was on the Blackwall Railway in London in 1841, but an occurrence on the Great Western Railway showed the usefulness of the telegraph to the general public in Britain. This event has been hailed as one of the most important socialogical effects of this new system of communicating.

Pickpockets were a serious nuisance during the early days of the railways. Many of them were caught by use of the new telegraph by the police sending a message to the next station, alerting police to be waiting for them at the barrier of the next station. No doubt some of them found themselves on a long voyage to Botany Bay. You can imagine the surprise of the offender when caught by this new device.

But a much bigger fish was soon to be caught. On January 1st 1845, John Tawell murdered a young woman in Slough Buckinghamshire and then caught a train from there to Paddington in London. The Slough police had his description sent via the telegraph to the Paddington police who arrested him at the barrier before he could mingle with the London crowds. Apparently Tawell was soberly dressed and not in the fashion of the day, the Slough police used the expression 'dressed like a Kwaker'. The telegraph in use at this early period could not send the letter 'Q' and the police used the best alternative, which appears to have done the job.

I have downloaded the John Tawell story from the Internet including the actual message sent by the Slough Police. A copy of this will also be placed on my web site on Sunday.

73's for this week

Weekly Solar and Geophysical Report for 4/10th Mar 05

SUMMARY

Date	04	05	06	07	08	09	10
10cm flux	79	81	84	87	94	100	102
AFr index	1	8	17	28	17	13	(12 estimated)
Aaus index	4	11	19	30	16	18	(12 estimated)
T index	45	48	35	40	31	33	20

Solar flare activity was very low 4/9th low on 11th.

Geomagnetic activity observed for the Australian Region was quiet on 4th quiet to unsettled on 5th mostly unsettled to active with minor storm periods on 6th unsettled to minor storm on 7th unsettled to active on 8/9th and mostly quiet to unsettled, with isolated active periods on 10th.

Southern Australian Ionospheric F2 critical frequencies were near predicted on 4th and 8th near predicted to 20 percent enhanced on 5th near predicted to 15 percent enhanced, then becoming depressed to 25 percent on 6th enhanced 15 percent to 20 percent depressed on 7th near predicted to 15 percent enhanced on 9th and near predicted to 15 percent depressed on 10th.

Forecast for 11/17th Mar

Solar activity should be very low to low.

Geomagnetic activity should be mostly unsettled on 11th quiet on 12th unsettled on 13 14 and 17th. Activity should be quiet to unsettled during the rest of the period.

Frequencies could see minor to mild depressions possible on 11 13 14 and 17th otherwise near normal. No Short Wave Fadeouts are expected.

courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

VK2SG RTTY DX NOTES FOR WEEKENDING 10TH MAR 05

The 2005 BARTG Spring RTTY will take place from 0200Z Sat Mar 19th to 0200Z Mon Mar 21st 05. Maximum 30 hours of operations are permitted and rest periods may not be less than 3 hours. Details can be read at:
http://www.bartg.demon.co.uk/Contests/rules.htm

Our thanks this week go to W2JGR AA5AU N8PUG DJ3IW GU0SUP WX5L UT5RP OH2AQ DXSummit.

Bandpass:

Friday 4
0840-14086 EA8/DJ1OJ
1037-14084 TF3GC
1131-14088 FG/F5CWU
1242-14080 J73CCM Qsl via SM0CCM
1244-14088 YB0JIV

1248-18104 DM2GFN
1343-18106 OX3HX
1350-21087 A92GR
1421-14081 XE1YJS
1430-21087 XE1L
1548-14083 RA9LR
1628-14085 TF3GC
2132-10140 VE9DX
2242-14081 CE3AKK
2257-14083 J73CCM

Saturday 5
0002-14083 J73CCM
0353-18101 VK9NS
0548-18105 UR5EDU
0908-14083 BD3RJ
0918-18102 RU0LL
1036-21085 3B9FR
1133-28085 US5EEK
1332-18107 A71EM
1448-18110 FM5JC
1458-18103 OX3HX
1510-14085 UX1UA
1510-14085 UX1UA
1533-14083 9M2MT
1552-14085 UY7LA
1613-18105 OY4TN
1812-21083 CX4AAJ
1911-14085 EA8/PC8E
2235-14080 J73CCM

Sunday 6
0222-21081 C21DL
0102-21093 T88CW
0110-21070 VK0MT PSK31
0141-14080 VK0MT PSK31
0228-18105 UN9PQ
0236-18100 T88CW
0236-21083 T88NF
0312-21080 VK9NS
0335-21084 9V1GO
0556-14081 VK9NS
0634- 7073 VP5H
0653-14089 T88NF Qsl via JA0FOX
0802-21080 UX0KX
0826-21088 US9QA
0837-18103 OD5/SP5LKN
0913-21093 7L4IOU
0932-14089 UX0FF
0927-21082 EA8/DL3KVR
1022-21085 BX4AN
1049-28089 UT5UKY
1057-14080 C21DL qsx up
1404-14083 BD3RJ
1536-14086 EW3AAL
1721-14089 HR1RMG
1743-14083 4S7AB
1830-14085 XY7ABN
1849-14085 J73CCM
1854-14082 OY4TN
1856-14084 C38LM
2206-21080 C21DL
2226-18102 T88CW

cq cq de vk2tty vk2tty

Monday 7
0833-21080 C21DL qsx up
0915-14080 C21DL qsx up
1025-14084 FG/F5CWU
1203-18103 A45WG
1544-14081 RD3BD
1551-18107 3B9FR
1603-18103 V51LK
1614-14079 VP2V/DL7UFR
1702-14085 E20KIR
1714-14086 EU6PW
2054-14087 YV5ANF IOTA SA-020
2100-14082 PJ2MI
2121- 7040 9K3YM
2154-14087 J73CCM
2330-10106 PJ2/PA0VDV

Tuesday 8
0126-10132 HR1RMG
0200-14081 V31NZ
0504- 3583 VP2V/DL7UFR
0608-14085 4X4DO
0858-21086 XU7ABN
1058-14079 UN8PIM
1147-14070 VK0MT PSK31
1533-14087 TF3FK
1706-18101 TO7C Qsl F9IE
2109-14081 V31TR
2113-14083 CO8FD
2143-14081 T07C
2302-14097 PJ2MI
2354-10134 KP4JRS

Wednesday 9
0210-10144 T07C
0801-14083 JT1CO
0815-10142 TO7C
1031-14083 TO7C
1425-18102 TO7C
1447-14082 4X4DO
1543-21083 V31TR
1544-14084 TF3GC
1545-14088 UK8OAR
1624-21081 UU2JQ
1717-14084 XU7ABN
1845-18103 V31TR
1853-14082 TO7C
1949-24921 TO7C
2101-14080 FG/F5CWU
2119-14088 J73CCM
2253-14085 PJ2MI

Thursday 10
0005-14087 XE1YJS
0025-14084 KP4SQ
0046- 7038 TO7C
0150- 7044 CO2JD
0231- 7032 VP2V/DL7UFR
0855-10135 OD5/SP5LKN
1103-14081 JT1CO
1302-14082 9M6BG

1347-14087 V31TR
1348-14085 UK8AOR
1418-14087 J73CCM
1426-14088 YB0JIV
1453-14083 VR2XLN
1538-14085 SU9FL
1658-18100 V51LK
1659-24923 TO7C
1734-28082 TO7C
1749-10139 UR3LC
1833-18101 TO7C
1902-14082 TO7C
1909-10142 TO7C
1956-14085 XU7ABN
1956-10140 EA8/DL3KVR
2009-14080 HR1EPZ

Note of interest:

GIBRALTAR, ZB2. Tom GM4FDM and Ronald PA3EWP will be active from Caleta Hotel, Gibraltar from Mar 21-28. Calls will be ZB2/GM4FDM ZB2/PA3EWP respectively. Look for activity on CW SSB and RTTY. QSLs via home calls.

ST. PAUL IS., CY9SS. From Jun 7 to Jul 7 there is a plan for activity on SSB CW RTTY PSK31 with 2-3 stations active.

SABLE IS., CY0. Joe W8GEX Wayne K8LEE and Phil W9IXX plan to be on from Jul 26 to Aug 1 160-6m on CW SSB PSK31 and RTTY. They will be also qrv during the IOTA contest.

You can also subscribe to the digital-dx reflector - send an e-mail message to majordomo at mla.nifty.ne.jp as follows: Subject: (blank) Message Body: subscribe digital-dx

For next weeks bulletin, send your bandpass and notes of interest to Goetz dj3iw at t-online.de

Gl de (DX2) Luciano I5FLN

The Ohio/Penn DX Bulletin No. 700 -- excerpts

ANTARCTICA NEWS
AY1ZA Orcadas Base (WAP ARG-15). Gianni I1HYW reports that several Antarctic Chasers have recently asked on the Antarctic Reflectors about how to QSL to Horacio LU4DXU. AY1ZA and other cards from Horacio seem to be hard to get. A common practice is to send Registered Mail to those countries where mail is often a risk particularly when Ham activities could be detected through the envelope. Cards to and from Argentina are among those hard to get Gianni states. Personally, I have received everything from Horacio by using this simple practice even though registered mail is lot more expensive.

MAITRI Station (WAP IND-03). Dr. Bhagwathi VU3BPZ will try to listen everyday for Europe on 14150 kHz between 1815-1900z. QSL address is still not known, but Bhagwathi will announce it soon. Meanwhile, a Maitri Base Web page has been set up, and it is available at http://www.geocities.com/xxiiae/
W.A.P. Antarctic News and Bulletins are available on the WAP

Web site at: http://www.ddxc.net/wap/boll/anno.php

FT5W, CROZET ISLAND (Update/Request)
Jean Paul F5BU now signing FT5WJ, reports that he is on most days on 14278 kHz from 1615-1830z (also sometime before dinner from 1400-1515z), and he hears many stations calling him. However, Jean Paul states too many stations (who can barely hear him) are calling and he is wasting too much time calling them. His time is very limited, and he requests that stations that can hear him good enough only call him.

FT5X, KERGUELEN ISLAND
There's a little over a week to go before the Microlite Penguins DXpedition Team will activate Kerguelen Islands (IOTA AF-048, DIFO FT-011). This is the same organization that activated South Georgia (VP8GEO) and South Sandwich Islands (VP8THU) in 2002. The multi-national team of twelve highly experienced operators from France Ireland Switzerland Canada Australia Singapore South Africa and the United States will operate on the HF bands between Mar 15/Apr 2. James Brooks 9V1YC DXpedition Team Leader states This DXpedition is funded entirely by the twelve team members and a generous and exclusive grant by the Northern California DX Foundation. There are no other club, foundation, individual, manufacturer or QSL sponsors. We are expecting more details to be released for next week.

RUSSIAN DX CONTEST
Harry RA3AUU would like to invite everyone to take an active part in the 12th Russian DX Contest to be held from 1200z March 19 til 1200z Mar 20. They would like to see you among the increasing number of RDXC participants. For rules news trophies list, tips hints and many more useful information, please visit the RDXC Web page at http://www.rdxc.org The contest rules are available in 9 languages.

SPECIAL EVENTS FROM LZ
Ivan LZ1PJ reports to look for the following special activities from Bulgaria
1) Look for LZ800AB to be active between Mar 1/Apr 30. This special activity will commemorate the 800th anniversary of the Battle of Adrianopolis (now Edirne in Turkey) where Bulgarian Tzar Kaloyan (also known as Ioanitza) defeated the knight army of the Latin Empire and captured the emperor himself, Baldwin of Flanders.
2) Look for LZ05KM to be active between May 1-31. This special activity is to commemorate the creators of the cyrillic alphabet St. brothers Kiril and Methodius. (Same as LZ02KM LZ03KM LZ04KM)
QSL INFO Ivan LZ1PJ will be the QSL Manager of both stations. QSL via the Bureau is OK or direct. E-mail requests are OK even preferable for bureau cards. Send requests to lz1pj at qsl.net For direct requests, please add SAE +- postage (1 USD or 1 IRC is enough). All cards will measure 9x14 cm. Please avoid sending too oversized envelopes (He has received many such envelopes from US stations). DO NOT send U.S. or other foreign stamps and also Bulgarian stamps. He can't use them. His mailing address is: Ivan Ivanov P.O. Box 15 BG-1324 Sofia, Bulgaria.

SPECIAL EVENT
The F6KPM ARS will activate the special callsign TM6OVN to commemorate the 60th anniversary of the liberation of the North Vosges area, Mar 22-26. Activity is scheduled for all bands HF and VHF, and on CW SSB FM and digital modes. A special QSL

will be available via F6KPM.

ZB2, GIBRALTAR
Tom/GM4FDM and Ronald/PA3EWP will be staying in the Caleta Hotel
in Gibraltar from Mar 21-28. They will operate as ZB2/GM4FDM
and ZB2/PA3EWP respectively. Plans are to have antennas for
80-10 meters and possibly 160 meters. Look for activity on CW
SSB and RTTY. They will be using Elecraft K2s. The two operators
will take part in the CQ WW WPX SSB Contest (Mar 26-27).
QSL via their home callsigns.

The Society can be contacted in the following ways:
To Pat VK2JPA via vk2jpa at wia.org.au or
Col VK2CTD via ctdavies at bigpond.net.au or
you can drop a line to P.O. Box 93 Toongabbie, NSW 2146.
73's for this week from Pat VK2JPA Broadcast Officer
NNNN